

Illya Lukinov

Lead Software Engineer | AI Adoption & Developer Productivity

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Professional Summary

Lead Software Engineer and internal AI adoption driver with 15+ years spanning back-end development and quality engineering. Deep full-cycle mindset — owning architecture, implementation, CI/CD, and Tier 3 production support — gives me a unique angle on AI enablement. Early adopter of every major wave of AI-assisted development on my team (ChatGPT in 2023, GitHub Copilot, Claude, Claude Code), I lift team velocity in two ways: by mentoring engineers on disciplined AI use with engineering guardrails (spec-driven development, Definition-of-Done gating, agent-assisted code review), and by building custom agent skills, agentic workflow scaffolding, and rapid UI prototypes that accelerate team discovery and integration work.

Technical Skills

AI-Assisted Development: Claude Code, GitHub Copilot, Cursor, Google Antigravity, ChatGPT, agentic coding harnesses, spec-driven development, prompt engineering, AI tool evaluation & adoption strategy

AI Integration & Custom Tooling: Custom agent skills, CLAUDE.md / AGENTS.md repo scaffolding, AI output guardrails (DoD gating, rules-file discipline), rapid UI prototyping, internal developer tooling, workflow automation

Backend Development: Java, Spring Boot, REST APIs, JPA/Hibernate, Maven/Gradle, Python, Bash

Cloud & Infrastructure: Kubernetes, Docker, Helm, AWS, OpenShift, CI/CD, Git

Data: PostgreSQL, Oracle, MSSQL, CouchDB, SQL

Quality & Delivery: Test strategy, REST Assured, JMeter, Selenium, SRE principles, observability

Professional Experience

GlobalLogic (Client: Fortune 500 Telecom Carrier) | San Diego, USA (Remote)

Lead Software Engineer | Sep 2021 -- Present

Engineered high-scale back-end services for a carrier-grade IoT connectivity and device management platform while driving AI adoption and developer productivity across the engineering team.

- **Led AI adoption on the team** as the early evangelist for GitHub Copilot, Claude, and Claude Code; ran hands-on sessions on spec-driven development, AI-assisted code review, and agentic workflows so teammates could ship faster without cutting corners on Definition-of-Done guardrails.
- **Scaffolded an agentic development environment** for the team's repositories by authoring CLAUDE.md / AGENTS.md files that describe project purpose, dependencies, and how agents should approach changes — reducing ramp-up time for AI-assisted work across services.
- **Built custom agent skills and internal developer tools** that extend what teammates' agents can do — including a Jira skill exposing team planning and ticketing workflows to any agent, and an OpenAPI processor that extracts focused subsets from large, messy third-party definitions, unblocking integrations that would otherwise stall.
- **Lifted code coverage 20-30% using first-wave AI-augmented generation tools**, establishing patterns the rest of the team later adopted.
- **Used AI-generated UI prototypes** to accelerate product conversations, convey design points, and shorten discovery loops with product stakeholders.
- **Shipped the backend underneath** — designed cloud-native Java Spring Boot microservices on Kubernetes (AWS, OpenShift) with 99.9% availability for enterprise IoT customers; led bare-metal → OpenShift migration; built reusable Helm charts and cross-team playbooks.

GlobalLogic (Client: Global Telecom Infrastructure Vendor) | Kyiv, Ukraine

Senior Full-Cycle Software Engineer | Feb 2019 -- Sep 2021

Engineered core features for a Containerized Network Functions (CNF) Management solution for cloud-native telecom infrastructure.

- Owned the complete SDLC as a Full-Cycle Developer — architectural design, backend/UI implementation, CI/CD, and Tier 3 production support.
- Reduced manual team overhead for environment configuration and deployment by 90% through targeted automation.

GlobalLogic | Kyiv, Ukraine

Senior Software Engineer in Test | Dec 2008 -- Mar 2018

- Architected a Selenium WebDriver framework from the ground up for enterprise-scale regression testing; built release automation with Python and Shell scripting; executed REST API and performance testing via JMeter and SoapUI.
- Established an internal technical wiki and led training sessions for new team members — an early version of the knowledge-sharing work I now focus on in AI enablement.

2k Group / X-Tend Group | Kyiv, Ukraine

Software Test Engineer / Web Developer | May 2006 -- Nov 2008

Requirements analysis, manual functional testing, and HTML/CSS web development with Tier 3 technical support.

Education & Languages

Master's in Management | Taras Shevchenko National University | 2014 -- 2019

Languages: English (Advanced), Ukrainian (Native), Russian (Native)

Domain Expertise: IoT, Telecom